



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/752,933	01/07/2004	Peter M. Bonutti	2500DV2CN2DV3CN8	5806
7590 06/30/2008				
Patent Counsel United States Surgical, a division of TYCO HEALTHCARE GROUP LP 150 Glover Avenue Norwalk, CT 06856		EXAMINER TRUONG, KEVIN THAO		
		ART UNIT PAPER NUMBER 3734		
		MAIL DATE DELIVERY MODE 06/30/2008 PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/752,933

Applicant(s)

BONUTTI, PETER M.

Examiner

Kevin T. Truong

Art Unit

3734

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 February 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 4-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 4-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-8508)
- _____ Paper No(s)/Mail Date _____

- 4) ☐ Interview Summary (PTO-413)
- _____ Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Note: This office action is in response to the amendment filed 02/19/2008.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1 and 4-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Matthews et al. (US 3253594) in view of Debbas (US 4966583).

As to claims 1, 4-9, and 11-18, Matthews et al. disclose a cannula (the trocar described in col. 4, lines 39-47) and a retractor including shaft 16 that has a first lumen 56 therethrough and inflatable bladder 18 attached to a distal end of the shaft 16 and extending distally thereof, the inflatable bladder 18 including an opening extending therethrough (the opening through which instrument 12 passes) such that a surgical instrument 12 may traverse the first lumen 56 and the opening thereby entering the working space. The bladder 18 is inherently capable of retracting opposed surfaces of a bone joint since the inflation of the bladder would inherently apply an outward pressure against the opposed surfaces to retract them. Alternatively, it would have been obvious that inflatable bladder 18 is capable of retracting opposed surfaces of a bone joint for the reasons set forth above. As to claim 4, bladder 43 is eccentrically shaped or mounted on the shaft as indicated in col. 3, lines 9-19. As to claim 5, note col. 2, lines

Art Unit: 3734

41-43. As to claim 8, portion 38 may be considered to be part of the shaft. This portion 38 of the shaft is rigid.

Matthews et al does not disclose the inflatable bladder is inflated by fluid received through a second lumen defined between the inner and outer wall of the shaft.

However, Debbas teaches that it is known in the surgical art to have inflatable bladder is inflated by fluid received through a second lumen defined between the inner and outer wall of the shaft.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to make the shaft of Matthews et al with inner and outer walls so that the inflatable bladder can be inflated by fluid received through a lumen defined between the inner and outer walls of the shaft as taught by Debbas for cost effective. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Matthews et al. (3,253,594). Matthews et al. fail to disclose a viewing scope. However, Matthews et al. teach that member 12 can by any one of a number of devices, one of which can be used for taking photographs of interior portions of the peritoneal cavity (col. 2, lines 49-53). It is old and well known in the art that a viewing scope should be part of a device for taking photographs of interior portions of the body apparently in order to obtain the advantage of viewing the tissue being photographed. It would have been obvious to use a viewing scope as the Matthews et al. member 12 in the so that it too would have this advantage.

Response to Arguments

3. Applicant's arguments filed 02/19/2008 have been fully considered but they are not persuasive. Applicant's arguments with respect to claims 1 and 16 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin T. Truong whose telephone number is 571-272-4705. The examiner can normally be reached on Monday-Friday from 8:00 AM to 4:30 PM..

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3734

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kevin T. Truong/
Primary Examiner, Art Unit 3734

Kevin T. Truong
Primary Examiner
Art Unit 3734